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SOURCE Torfyannaya Promyshlennost', No 12, 1949.USE OF UMPF-4 MACHINE IN 1949

The 1949 plan for gathering machine-cut peat with the UMPF-4 machine was fulfilled 105.9 percent. However, although Glavtorf as a whole fulfilled this plan, individual trusts such as the Kalinin and Gor'kiy trusts did not complete their quotas. This was caused largely by inadequate preparation of the fields from which machine-cut peat was to be obtained and failure to put the drying system in order.

Successful fulfillment of the plan by the majority of peat trusts during the 1949 season emphasizes the necessity of more extensive utilization of UMPF-4 machines. The average achievement of each UMPF-4 machine in the outstanding peat trusts was as follows (in percent of season plan): Orekhovo, 120; Shatura, 115; Yaroslavl', 114; and Pal'tso Peat Enterprise, 114.

During 1949 a number of improvements were made in separate units of the UMPF-4 machine. Workers of the Shatura Trust suggested a mechanism for lifting the back wall of the scraper which made it possible to decrease undercutting in the reversals of the machine. They also proposed guide bars on the drive shaft of the elevator with two flanges. This device greatly decreased breakdowns in the unit. A mechanic of Ozeretskoye Peat Enterprise proposed the use of a ball clutch in place of a friction clutch. This will cut the idle periods of the machine.

The UMPF-4 machine operated 15 hours or more a day in the majority of peat enterprises during the 1949 season. Its performance is to be even greater during the 1950 season as a result of accelerating the movement of the machine and increasing the number of working hours per day.

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